Data sheet

HP LaserJet Enterprise 500 color Printer M551 series

Affordable, business-enhancing colour from an HP LaserJet that's easy to manage and use. Produce professional-quality colour marketing materials and more. Maximise your investment with expandability options. Count on HP for energy-saving features.

Make your business look its best with high-performance colour.

- Create marketing materials with realistic colour and crisp detail thanks to PANTONE® colour matching and HP Easy Color.
- Increase colour accuracy with HP ImageREt 3600 and HP ColorSphere toner technology.
- Achieve low-cost, high-quality printing right out of the box, with a complete set of cartridges – on average, nearly two times more black toner and more than two times the colour toner of leading competitors[1].
- Print black text affordably, using an optional high-capacity black print cartridge[2],[3].

Invest in a printer that's as easy to use as it is to manage.

- Manage jobs directly from the printer's four-line colour control panel, and easily print from a USB flash drive[4].
- Make printing as mobile as you are with HP ePrint – now you can print from virtually anywhere[5].
- Keep confidential information secure by requiring a PIN to retrieve print jobs and protect data with the HP High-Performance Secure Hard Disk[6].
- Easily control colour usage with HP Color Access Control, and proactively manage printing environments with industry-leading HP Web Jetadmin.

Take advantage of inventive expandability options.

- Easily update, manage and extend printer capabilities, using HP FutureSmart Firmware.
- Take advantage of the HP Solutions Business Partners programme, enabling you to access HP certified solutions from industry-leading partners.
- Incorporate optional productivity and security solutions easily, using the hardware integration pocket[4],[7].
- Improve productivity: this workhorse colour laser printer gives you up to 1,100-sheet capacity to save time and complete large print jobs without reloading[8].

Enjoy outstanding energy and paper savings.

- Reduce energy use by 19% to 66% by setting the Auto-On/Auto-Off mode[9]. Save even more energy with Instant-on Technology[10] which speeds warm-up and cool-down times.
- Save time with convenient cartridge installation, and get free, easy cartridge recycling[11].
- Conserve resources and get up to 50% paper-savings using automatic two-sided printing[4].

Auto On/Off Technology

Ethernet

Easy access USB

Product walkaround

HP LaserJet Enterprise 500 color M551xh:

1. Hardware Integration Pocket for solution integration
2. Walk-up USB port
3. 4-line graphical color display
4. Front door allows convenient access to four, all-in-one HP toner cartridges
5. Built-in automatic two-sided printing
6. 100-sheet multipurpose tray 1 handles heavy custom media up to 220 g/m2 (58 lb bond)
7. On/Off button
8. Two 500-sheet input trays for a 1,100-sheet total input capacity
9. Hi-Speed USB 2.0 Host port for third-party solutions
10. Slot for a cable-type security lock
11. Hi-Speed USB 2.0 Device port
12. HP Jetdirect Gigabit Ethernet embedded print server
13. 1024 MB total memory and an 800 MHz processor quickly handle complex print jobs
14. Embedded HP High Performance Secure Hard Disk
15. Two internal host USB 2.0-type ports for 3rd party solutions

Series at a glance

Model	HP LaserJet Enterprise 500 color M551n	HP LaserJet Enterprise 500 color M551dn	HP LaserJet Enterprise 500 color M551xh
Product number	CF081A	CF082A	CF083A
100-sheet multipurpose tray 1	Yes	Yes	Yes
500-sheet input tray 2	Yes	Yes	Yes
500-sheet input tray 3	Optional	Optional	Yes
Automatic two-sided printing	Not available	Yes	Yes
HP High Performance Secure Hard Disk	Not available	Not available	Yes
Hardware integration pocket	Not available	Yes	Yes
Walk-up USB port	Not available	Yes	Yes

Accessories, Supplies and Support

Supplies	**CE400A** HP 507A Black Original LaserJet Toner Cartridge 5,500 pages
	CE400X HP 507X High Yield Black Original LaserJet Toner Cartridge 11,000 pages
	CE401A HP 507A Cyan Original LaserJet Toner Cartridge 6,000 pages
	CE402A HP 507A Yellow Original LaserJet Toner Cartridge 6,000 pages
	CE403A HP 507A Magenta Original LaserJet Toner Cartridge 6,000 pages
	CE484A HP Color LaserJet CE484A 110V Fuser Kit 150,000 pages
	CE506A HP Color LaserJet CE506A 220V Fuser Kit 150,000 pages
	CE254A HP Color LaserJet CE254A Toner Collection Unit Approximately 36,000 pages
Accessories	**CF084A** HP Color LaserJet 500-sheet Paper and Heavy Media Tray
Connectivity	**J8021A** HP Jetdirect ew2500 802.11b/g Wireless Print Server
	J8026A HP Jetdirect 2700w USB Wireless Print Server
Service and support	**HZ626E** HP 3 year Next Business Day with Defective Media Retention Color LaserJet M551 Support **HZ629E** HP 4 year Next Business Day with Defective Media Retention Color LaserJet M551 Support **HZ630E** HP 5 year Next Business Day with Defective Media Retention Color LaserJet M551 Support **HZ634PE** HP 1 year Post Warranty 4 hour 13x5 Color LaserJet M551 Hardware Support **HZ635PE** HP 2 year Post Warranty Next Business Day Color LaserJet M551 Hardware Support **HZ631PE** HP 1 year Post Warranty Next Business Day with Defective Media Retention Color LaserJet M551 Support

Technical specifications

Model	**HP LaserJet Enterprise 500 color M551n**	**HP LaserJet Enterprise 500 color M551dn**	**HP LaserJet Enterprise 500 color M551xh**
Product number	CF081A	CF082A	CF083A
Print speed	Up to 32 ppm black (A4); Up to 32 ppm colour (A4); Up to 29 ipm black duplex (A4)		
First page out time	As fast as 11 sec black (A4, ready); As fast as 11 sec colour (A4, ready)		
Print resolution	Up to 1200 x 1200 dpi black; Up to 1200 x 1200 dpi colour		
Print technology	Laser		
Print Area	Print margins: Top: 2 mm absolute/5 mm assured image; Bottom: 2 mm absolute/5 mm assured image; Left: 2 mm absolute/5 mm assured image; Right: 2 mm absolute/5 mm assured image		
Print languages	HP PCL 6, HP PCL 5c (HP PCL 5c driver available from the Web only), HP Postscript Level 3 emulation, native PDF printing (v 1.4)		
Mobile printing capability	HP ePrint, Mopria-certified		
Monthly duty cycle	Up to 75000 pages (A4), Recommended monthly page volume: 1500 to 5000		
Fonts and typefaces	105 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP Postscript Level 3 emulation (Euro symbol built-in); 1 internal Unicode Fonts (Andale Mono WorldType); 2 Internal Windows Vista® 8 Fonts (Calibri, Cambria); additional font solutions available via third-party flash memory cards; HP LaserJet Fonts and IPDS Emulation available at http://www.hp.com/go/laserjetfonts		
SureSupply supported	Yes		
Processor speed	800 MHz		
Display	4-line graphical colour display, 3 lights (Attention, Data, Ready), 7 buttons (Help, Menu, OK, Stop, Back, Down, Up)		
Wireless	Optional, enabled with purchase of a hardware accessory		
Connectivity	Optional: HP Jetdirect ew2500 Wireless Print Server J8021A, HP Jetdirect 2700w USB Wireless Print Server J8026A (available in early 2012)		
Network ready	Standard (built-in Gigabit Ethernet)		
Memory	Standard: 1 GB (1024 MB); Maximum: 1 GB (1024 MB)		
Media types	Paper (plain, light, bond, recycled, mid-weight, heavy, mid-weight glossy, heavy glossy, extra heavy, extra heavy glossy, cardstock, card glossy) colour transparency, labels, letterhead, envelope, preprinted, prepunched, coloured, rough, opaque film, user-defined		
Paper size	Custom metric: Tray 1: 76 x 127 to 216 x 356 mm; Tray 2: 102 x 148.5 to 216 x 297 mm; Optional Tray 3: 148.5 x 216 to 210 x 356 mm Supported metric: Tray 1: A4, RA4, A5, B5 (JIS), B6 (JIS), 10 x 15 cm, A6, envelopes (B5, C5 ISO, C6, DL ISO); Tray 2: A4, A5, B5 (JIS), B6 (JIS), 10 x 15 cm, A6; Optional Tray 3: A4, A5, B5 (JIS)		
Paper handling	Standard input: 100-sheet multipurpose tray, 500-sheet input tray 2 Standard output: 250-sheet output bin Optional/Input: 500-sheet heavy media input tray 3	Standard input: 100-sheet multipurpose tray, 500-sheet input tray 2 Optional/Input: Optional 500-sheet heavy media input tray 3	Standard input: 100-sheet multipurpose tray, 500-sheet input tray 2, 500-sheet heavy media input tray 3
Input capacity	Tray 1: sheets (75 g/m² paper): 100; labels, transparencies, cardstock (163 g/m²): 50; cardstock (216 g/m²): 30; envelopes: 10 Tray 2: sheets (75 g/m² paper): 500; cardstock (163 g/m²): 200; transparencies: 200 Maximum: Up to 1100 sheets		
Output capacity	Standard: Up to 250 sheets, Up to 10 envelopes, Up to 100 sheets Transparancies Maximum: Up to 250 sheets		
Paper weight	Tray 1: 60 to 216 g/m² (plain paper), 105 to 220 g/m² (glossy paper); Tray 2: 60 to 163 g/m² (plain paper), 105 to 220 g/m² (glossy paper); Optional Tray 3: 60 to 176 g/m² (plain paper), 105 to 220 g/m² (glossy paper)		

Model	HP LaserJet Enterprise 500 color M551n	HP LaserJet Enterprise 500 color M551dn	HP LaserJet Enterprise 500 color M551xh
Product number	CF081A	CF082A	CF083A
What's in the box	HP LaserJet Enterprise 500 color M551n printer; four preinstalled HP LaserJet toner cartridges (yield ~5,500 pages black and ~6,000 pages colour); toner collection unit; in-box documentation (Getting Started Guide); software drivers and documentation on CD-ROM; power cable; HP Jetdirect Gigabit Ethernet embedded print server; 100-sheet multipurpose tray 1; 500-sheet input tray 2	HP LaserJet Enterprise 500 color M551dn printer; four preinstalled HP LaserJet toner cartridges (yield ~5,500 pages black and ~6,000 pages colour); toner collection unit; in-box documentation (Getting Started Guide); software drivers and documentation on CD-ROM; power cable; HP Jetdirect Gigabit Ethernet embedded print server; hardware integration pocket; 100-sheet multipurpose tray 1; 500-sheet input tray 2; built-in automatic two-sided printing; Walk-up USB printing Port	HP LaserJet Enterprise 500 color M551xh printer; four preinstalled HP LaserJet toner cartridges (yield ~5,500 pages black and ~6,000 pages colour); toner collection unit; in-box documentation (Getting Started Guide); software drivers and documentation on CD-ROM; power cable; HP Jetdirect Gigabit Ethernet embedded print server; hardware integration pocket; 100-sheet multipurpose tray 1; 500-sheet input tray 2; 500-sheet heavy media input tray 3; built-in automatic two-sided printing; HP Secure High Performance Hard Disk (AES 128 encryption); Walk-up USB printing Port
Replacement cartridges	HP 507A Black LaserJet Toner Cartridge (~5500 ISO yield) CE400A; HP 507X Black LaserJet Toner Cartridge (~11,000 ISO yield) CE400X; HP 507A Cyan LaserJet Toner Cartridge (~6000 ISO yield) CE401A; HP 507A Yellow LaserJet Toner Cartridge (~6000 ISO yield) CE402A; HP 507A Magenta LaserJet Toner Cartridge (~6000 ISO yield) CE403A		
Supported network protocols	IPv4/IPv6: Apple Bonjour Compatible (Mac OS 10.2.4 or higher), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, TFTP, Port 9100, LPD, WS Discovery, IPP, Secure-IPP, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print; Other: NetWare NDS, Bindery, NDPS, ePrint		
Compatible operating systems	Windows 8, Windows 7, Windows Vista, Windows XP (SP2+), Windows Server 2003 (SP1+), Windows Server 2008 (all 32-bit and 64-bit), Windows Server 2008 R2 (64-bit); Mac OS X v10.5, v10.6; Citrix and Windows Terminal Services (see System Administrator's Guide at hp.com/go/upd, Documentation tab for latest support); Novell (see novell.com/iprint for latest support); Linux (see hplip.net); UNIX (see hp.com/go/unix, hp.com/go/unixmodelscripts, and hp.com/go/jetdirectunix_software); SAP device types (see hp.com/go/sap/drivers and hp.com/go/sap/print)		
Minimum system requirements	Windows: Windows 8, Windows 7, Windows Vista, Windows XP (SP2 or higher), Windows Server 2003 (SP1 or higher), Windows Server 2008, Windows Server 2008 R2; 200 MB available hard disk space; operating system compatible hardware system requirements, see microsoft.com Mac: Mac OS X v10.5, v10.6; 150 MB available hard disk space; operating system compatible hardware system requirements, see: http://www.apple.com		
Software included	Windows® Installer, HP PCL 6 discrete driver; Mac Installer, Postscript driver		
Security management	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in		
Printer management	HP Web Jetadmin; HP SureSupply; HP Utility (Mac)		
Control panel	4-line graphical colour display, 3 lights (Attention, Data, Ready), 7 buttons (Help, Menu, OK, Stop, Back, Down, Up)		
Printer dimensions (W x D x H)	Minimum: 514 x 491 x 385 mm Maximum: 824 x 740 x 385 mm	Minimum: 514 x 491 x 402 mm Maximum: 824 x 740 x 402 mm	Minimum: 514 x 491 x 565 mm Maximum: 824 x 740 x 565 mm
Package dimensions (W x D x H)	600 x 500 x 725 mm	600 x 500 x 725 mm	755 x 600 x 725 mm
Printer Weight	34 kg	34.6 kg	42.2 kg
Package weight	37.7 kg	38.3 kg	48 kg
Operating environment	Temperature: 10 to 30ºC, Humidity: 20 to 60% RH		
Storage	Temperature: 0 to 35ºC, Humidity: 10 to 90% RH		
Acoustics	Acoustic power emissions: 6.6 B(A); Acoustic pressure emissions: 52 dB(A)		
Power	Requirements: Input voltage: 220 to 240 VAC (+/- 10%), 50 Hz (+/- 2 Hz), 6 A Consumption: 605 watts (printing), 51 watts (standby), 6.9 watts (sleep), 1 watt (auto-off), 0.3 watts (manual-off); Typical Electricity Consumption (TEC): 4.053 kWh/Week Power supply type: Built-in power supply		
Certifications	CISPR 22: 2005 +A1/EN 55022: 2006 +A1 Class B, EN 61000-3-2: 2006, EN 61000-3-3:2008, EN 55024: 1998 +A1+A2, FCC Title 47 CFR, ICES-003, Issue 4, GB9254-2008, EMC Directive 2004/108/EC with CE Marking (Europe), other EMC approvals as required by individual countries		
Warranty	One-year, next-day, on-site limited warranty. Warranty and support options vary by product, country and local legal requirements.		

Footnotes

[1] Based on the amount of black and colour toner that ships with the printer, and the majority of top competitive printers by market share as reported by Gap Intelligence as of 8/1/11.; [2] Compared with HP LaserJet Enterprise P3015 series. Assuming customer is printing at least 30 percent of total pages in colour with content similar to the colour ISO/IEC 19798 test suite (www.iso.org/jtc1/sc28) and overall average job length of three pages. Yields established using ISO/IEC test standards. Actual yields and costs vary considerably depending on images printed, number of colour pages printed, and other factors.; [3] The HP 500X Black LaserJet Toner Cartridge not included; please purchase separately.; [4] Automatic two-sided printing, walk-up USB and hardware integration pocket available only on the HP LaserJet Enterprise 500 color M551dn printer and HP LaserJet Enterprise 500 color M551xh printer.; [5] Requires an Internet connection to the printer. Feature works with any connected Internet- and email-capable device. Print times may vary. Some HP LaserJets may require a firmware upgrade. For a list of supported documents, and image types, see www.hp.com/go/eprintcenter. And for additional solutions, see www.hp.com/go/mobile-printing-solutions. ; [6] The HP High-Performance Secure Hard Disk available only on the HP LaserJet Enterprise 500 color M551xh printer.; [7] Solutions deployed through the hardware integration pocket may require additional purchase.; [8] The 1 x 500 sheet feeder may be purchased separately for the HP LaserJet Enterprise 500 color M551n and dn. Additional tray can be added to n and dn models only.; [9] Energy saving based on internal HP testing of Auto-On/Auto-Off setting compared to default setting. Minimum savings based on a 45-minute sleep delay. Maximum savings based on a 1-minute sleep delay. Actual results may vary.; [10] Compared with products that use traditional fusing.; [11] Programme availability varies. HP print cartridge return and recycling is currently available in more than 50 countries and territories around the world through the HP Planet Partners programme. For more information, or to request return envelopes and bulk collection boxes, visit www.hp.com/recycle.

Windows 8 Mac Universal ENERGY STAR ColorSphere HP TONERS ePrint

http://www.hp.com/uk

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